

Title (en)

AUTOMATIC DEVICE FOR MODULATING THE FLOW OF COMBUSTION AIR AND GAS IN GAS HEATING APPARATUS

Publication

**EP 0326880 A3 19901107 (EN)**

Application

**EP 89101018 A 19890120**

Priority

IT 1926788 A 19880201

Abstract (en)

[origin: EP0326880A2] The automatic modulator device of the flow combustion air and gas for a gas heating apparatus provided with a suction fan (5) for the suction of burnt gas comprises a control means (6) for controlling the number of revolutions of the suction fan depending on the desired water temperature, a pneumatic circuit connecting the inlet (10) of sucked combustion air to the firebox (1), a venturi (7) arranged at the inlet of said pneumatic circuit and a transducer (14) controlling the metering of the combustible gas.

IPC 1-7

**F24H 9/20**

IPC 8 full level

**F23N 1/02** (2006.01); **F24H 9/20** (2006.01)

CPC (source: EP)

**F23N 1/027** (2013.01); **F23N 2233/02** (2020.01)

Citation (search report)

- [Y] GB 2187000 A 19870826 - RINNAI KK
- [Y] DE 3401665 A1 19840809 - SIT LA PRECISA SPA [IT]
- [A] EP 0250667 A1 19880107 - BRITISH GAS CORP [GB]
- [A] EP 0108349 A2 19840516 - VAILLANT JOH GMBH & CO [DE]

Cited by

DE10026001B4; US5520533A; NL1018605C2; EP0801270A3

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR LI LU NL SE

DOCDB simple family (publication)

**EP 0326880 A2 19890809; EP 0326880 A3 19901107; EP 0326880 B1 19930414**; AT E88261 T1 19930415; DE 68905932 D1 19930519; DE 68905932 T2 19930722; ES 2039710 T3 19931001; IT 1217331 B 19900322; IT 8819267 A0 19880201

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